



UTAH DEPARTMENT *of*
ENVIRONMENTAL QUALITY

**WATER
QUALITY**

Per and Polyfluoroalkyl Substances (PFAS) Monitoring Plan Update

WQHAP, April 7th, 2021

Background

PFAS Reconnaissance Plan

- Phase I – Drinking Water
 - Ongoing- High Priority Wells
- Phase II - Fish and Waterfowl Tissue
 - Upgraded Priority
 - Sampling Plan under development
- Phase III- Industrial/Municipal, Biosolids, and other Sources

Phase I- Drinking Water Sources

- Investigate Presence and Potential Impact to Human Health
- Identified ~50 wells
- Non-detect for 25 PFAS
- Next Steps- Surface Sources

| System | Wells Sampled To Date | Remaining Wells |
|-----------------------------------|-----------------------|-----------------|
| LOGAN CITY WATER SYSTEM | 4 | |
| COLLEGE WARD CHAPEL | 1 | |
| CLEARFIELD CITY WATER SYSTEM | 1 | |
| SYRACUSE CITY WATER SYSTEM | 1 | |
| WOODS CROSS CITY WATER SYSTEM | 2 | |
| HOLLIDAY WATER COMPANY | 2 | |
| WHITE CITY WID | 1 | |
| WEST JORDAN CITY WATER SYSTEM | | 4 |
| TAYLORSVILLE-BENNION ID | 3 | 4 |
| JORDAN VALLEY WCD | | 1 |
| SOUTH SALT LAKE CITY WATER SYSTEM | 1 | |
| PROVO CITY | 8 | |
| HIGHLAND CITY | 1 | |
| LINDON CITY | 3 | 1 |
| OREM CITY WATER SYSTEM | 6 | |
| CENTRAL UTAH WCD - UTAH VALLEY | 3 | |
| NORTH OGDEN CITY | 1 | |
| WEST POINT CITY WATER SYSTEM | | 1 |
| GRANGER-HUNTER IMP. DISTRICT | | 2 |
| Total | 38 | 13 |
| | | |

Phase II- Fish and Waterfowl Tissue

Combination of PFAS and Hg Analysis

- Sampling Plan Under Development
 - Collaboration with DWR
 - Waterfowl -Focus on 2 Key Index Periods
 - Young of Year –PFAS and Hg
 - Hunting Season – Primarily for Hg

Collection Areas

- Waterfowl (10 species from each)
 - Farmington Bay
 - Bear River Bay
 - Ogden Bay
 - Box Elder
- Fish (3-5 Species from each)
 - Farmington Bay
 - Bear River Bay
 - Willard Spur

Objectives of Phase II Sampling

- Mercury
 - Update tissue consumption advisories for waterfowl from 2006
 - Establish new advisories for fish consumption
- PFAS
 - Initially intended to identify hotspots and sources
 - DWQ will work with DOH and WQHAP to develop tissue advisories if warranted

Questions?

Contact : Jim Harris
 jamesharris@utah.gov
 801-541-3069



Draft Decision Flow Chart for PFAS Sampling Results in Drinking Water Wells

